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Message Text

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ACTION EB-08

INFO OCT-01 IO-14 ISO-00 CAB-05 CIAE-00 COME-00
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E.O. 11652: N/A
TAGS: ETEL, ITU, CCIR, WARC
SUBJECT: ITU AEROWARC

PASS HUFFCUTT/ANDERSON, EB/TT/TD; CUTTS, FCC/OCE;
PROBST, OTP

1. BACKGROUND: AS STATED AERONAUTICAL HIGHLIGHTS PARAGRAPH, SITREP TWO, CCIR BLOCK B, CANADA MAINTAINS ADAMANT POSITION THAT ITS EXPERIENCE WITH ADJACENT CHANNEL RDARA ASSIGNMENTS SATISFACTORY. THIS THEN EXTRAPOLATED BY CANADA AND IFRB TO CONCLUSION ADJACENT CHANNEL PROTECTION FOR MAJOR WORLD ROUTES (MWARAS) AND WEATHER BROADCASTS (VOLMET) NOT NEEDED. NO MWARA NOW ALLOTTED ADJACENT CHANNELS. ONLY ONE VOLMET IN AFRICA NOW ALLOTTED ADJACENT CHANNELS, BUT VOLMET IS ONE-WAY SERVICE. NEARLY TWICE AS MANY CHANNELS NOW ALLOTTED REGIONAL AND DOMESTIC AIR ROUTE AREAS (RDARAS) AS ANYTHING ELSE, AND MANY ADJACENT CHANNEL RDARA ALLOTMENTS EXIST, MOSTLY IN CANADA AND USSR.

2. CANADIAN SITUATION: SUBSEQUENT TO STRONG CANADIAN CCIR INTERVENTIONS ABOVE, WE CONDUCTED EXTENSIVE STUDY APPENDIX 27 AND IFL HERE. BASED CURRENT IFL, FINDING IS ONLY FORTY THREE PERCENT OF CANADIAN ADJACENT CHANNEL ALLOTMENTS ARE IMPLEMENTED. SUSPICION IS EVEN
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THESE FEW ALLOTMENTS WHICH BEAR ASSIGNMENTS ARE LIGHTLY USED PARTICULARLY RDARA TEN BRAVO AREA WHICH MAY SUPPORT ONLY BUSH PILOT AND LIMITED GOVERNMENTAL USE AND THEN PERHAPS MOSTLY IN SUMMER. VERY LIMITED LOW POWER USE OVER VAST EXPANSE WOULD SHOW UP AS COMPATIBLE ADJACENT CHANNEL USAGE. BUT TO EXTRAPOLATE THIS TO TWENTY NINE MILLION PASSENGER MILES PER YEAR NORTH

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ATLANTIC MAJOR WORLD ROUTE, FOR EXAMPLE, WOULD SEEM FALLACIOUS AND COULD POSE SAFETY PROBLEM, PARTICULARLY IF JUXTAPOSED VOLMET. CANADIAN RDARA AERONAUTICAL STATIONS MOSTLY AT/BELOW 100 WATTS, UNLIKE MAJOR WORLD ROUTE STATIONS. AIRCRAFT COMPARISON SIMILAR.

3. CCIR DELEGATION WOULD FIND UTILIZATION DATA HELPFUL. PROPOSE TWO STUDIES AS FOLLOWS:

A. SUGGEST LITTLER SUMMARIZE CANADIAN ACTIVITY APPEARING ONE OR TWO RECENT YEARS' COMPUTERIZED MONITORING REPORTS ON FOLLOWING SIX CARRIER FREQUENCIES 5461 AND 5469 KHZ (RDARA 10B) AND 3425, 3432, 3488 AND 3495 KHZ (RDARA 10D). AS THIS MAY TAKE ONLY HOUR OR TWO, WOULD BE USEFUL IF SUMMARY CABLED BEFORE SG-8 ENDS.

B. FOR LATEST SITUATION, SUGGEST FERNDALE COVER 5461/5469 EVERY QUARTER HOUR FOR FIVE SUCCESSIVE NIGHTS. SIMILARLY CANANDAIGUA FOR 3425/3432 AND 3488/3495. RESULTS SHOULD HELP AWARC. NOTE PER IFL THESE ARE ONLY INTRA-RDARA ADJACENT CHANNELS ACTIVE IN CANADA.

4. BELIEVE HAD INTERNATIONAL INTERFERENCE CASE SOME YEARS AGO WITH ONE FREQUENCY BEING 10017 KHZ BETWEEN STATIONS IN ACCORD APPENDIX 27 WHICH IN END WAS UNCLASSIFIED

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REFERRED TO IFRB. BELIEVE OTHER PARTY AUSTRALIA. CONFIRMATION WOULD CLEARLY HELP. IF RECOLLECTION ERRONEOUS, PLEASE DISREGARD. UNABLE CONFIRM HERE AS CORRECT STAFFER CONVALESCING. VANDEN HEUVEL

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Decaption Date: 01 jan 1960
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Disposition Approved on Date:
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Disposition Event:
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